

CLAIMS

What I claim as my invention is:

1. a test preparation system for use by a student comprising:

a multimedia database which includes: test questions and their solutions, lectures, video clips, text, graphics, animated display, and audio description, structured in a novel manner so that information from a user's input can generate a customized course of study for the user;

a unique, issue-based classification system which enables a search agent to construct customized drill sets and preparation tools (eg, lectures and solutions) based on a user's incorrect responses to test questions;

an iterative, computer-assisted preparation cycle which structures the user's course of study and his access to embedded expertise and unique methods of solution;

an adaptive search agent that evaluates the user's test performance and retrieves preparatory materials that best suit the user at that instant.